

ATTORNEY DOCKET NO.:
064747.0940.

PATENT APPLICATION
09/917,388

03-22-2

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Paul M. Ingram, Jr., et al

Serial No.: 09/917,388

Date Filed: July 26, 2001

Title: SENSITIVITY OF ITERATIVE SPECTRALLY SMOOTH
TEMPERATURE/EMISSION SEPARATION TO
INSTRUMENT NOISE

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Willie Jiles
Willie Jiles

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of the references are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that the references are material to the patentability of the present application, or that the references qualify as prior art.

Applicants believe that this Information Disclosure Statement has been filed before the mailing date of the first Office Action in this case. Pursuant to 37 C.F.R. § 1.97(b), Applicants believe that no fee is due. The Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

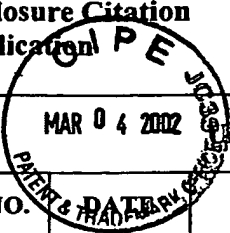
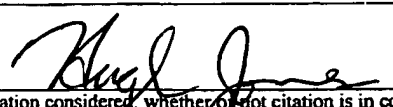
Respectfully Submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicants



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Reg. No. 22,428

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Date: March 1, 2002

PTO-1449		Application No. 09/917,388		Applicant(s) Paul M. Ingram, Jr., et al		
Information Disclosure Citation In an Application		Docket Number 064747.0940		Group Art Unit 2128	Filing Date July 26, 2001	
<div style="text-align: center;">  </div>						
	DOCUMENT NO.	NAME	CLASS	SUBCLASS	FILING DATE	
A						
B						
C						
D						
E						
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G						
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I						
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
J						
K						
L						
NON-PATENT DOCUMENTS						
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)				DATE	
M	Borel, Christoph C., "Iterative Retrieval of Surface Emissivity and Temperature for a Hyperspectral Sensor", First JPL Workshop on Remote Sensing of Land Surface Emissivity, held at JPL, May 6-8, 1997, pages 1-5				May 6-8/1997	
N	Kaiser, Robert D., "Quantitative Comparison of Temperature/Emissivity Algorithm Performance Using SEBASS Data", in Algorithms for Multispectral and Hyperspectral Imagery V, Sylvia S. Shen, Michael R. Descour, Editors, Proceedings of SPIE Vol. 3717, pages 47-57 (Part of the SPIE Conference on Algorithms for Multispectral and Hyperspectral Imagery V, Orlando, FL)				April 1999	
O	Cover Page and LOC publication information page (2 pgs.) for: Bevington, Philip R., <i>Data Reduction and Error Analysis for the Physical Sciences</i> , McGraw-Hill, Inc., 1969, LOC Catalog Card No. 69-16942, containing 336 pages				1969	
P	Cover Page and LOC publication information page (2 pages) for: Sobol, I.M., <i>The Monte Carlo Method</i> , The University of Chicago Press, The University of Chicago, 1974, International Standard Book No. 0-226-76749-3, LOC Catalog Card No. 73-89791, containing 107 pages				1974	
Q						
EXAMINER				DATE CONSIDERED		
				5/26/05		
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PATENT APPLICATION
09/917,388

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In re Application of: Paul M. Ingram, Jr., et al.
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SEPARATION TO INSTRUMENT NOISE

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Willie Jiles
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Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than thirty days prior to the filing of this Information Disclosure Statement.

Applicants believe that this Information Disclosure Statement has been filed before the mailing date of the first Office Action in this case. Pursuant to 37 C.F.R. § 1.97(b), Applicants believe that no fee is due. However, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully Submitted,
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Date: April 2, 2002



PTO-1449		Application No 09/917,388		Applicant(s) Paul M. Ingram, Jr., et al				
Information Disclosure Citation in an Application		Docket Number 064747.0940		Group Art Unit 2128	Filing Date July 26, 2001			
U.S. PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	A							
	B							
	C							
	D							
	E							
	F							
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	J							
FOREIGN PATENT DOCUMENTS						RECEIVED APR 11 2002 Technology Center 2100		
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	K	WO 97/04292	02/06/97	PCT	G01J	5/60	X	
	L							
	M							
	N							
	O							
NON-PATENT DOCUMENTS								
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE	
	P	Gillespie, Alan, et al, "A Temperature and Emissivity Separation Algorithm for Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) Images", IEEE Transactions on Geoscience and Remote Sensing, Vol. 36, No. 4, 1 July 1998, pages 1113-1126					07/01/98	
	Q	Borel, Christoph, "Surface Emissivity and Temperature Retrieval for a Hyperspectral Sensor", Geoscience and Remote Sensing Symposium Proceedings, 1998, IGARSS '98, 1998 IEEE International Seattle, WA 6-10 July 1998, pages 546-549					07/06/98	
	R	Khan, Mansoor A., et al, "Noncontact Temperature Measurement. II. Least Squares Based Techniques", Review of Scientific Instruments, American Institute of Physics, Vol. 62, No. 2, 1 February 1991, pages 403-409					01/01/91	
	S	Shunlin Liang, "A New Algorithm for Retrieving Land Surface Temperature and Emissivity and Applications to Airborne Hyperspectral SEBASS Data", Geoscience and Remote Sensing Symposium Proceedings, 1998, IGARSS '98, 1998 IEEE International Seattle, WA 6-10 July 1998, pages 550-552					07/06/98	
	T	International Search Report dated 03/07/02 for PCT/US 01/23690 filed 07/27/01					03/07/02	
	U							
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.				5/26/05				